

RESEARCH FRONTIERS INC
Form 8-K
May 23, 2014

SECURITIES AND EXCHANGE COMMISSION
WASHINGTON, D.C. 20549

FORM 8-K

CURRENT REPORT

PURSUANT TO SECTION 13 OR 15(d)
OF THE SECURITIES EXCHANGE ACT OF 1934

DATE OF REPORT (DATE OF EARLIEST EVENT REPORTED): May 22, 2014

RESEARCH FRONTIERS INCORPORATED
(EXACT NAME OF REGISTRANT AS SPECIFIED IN ITS CHARTER)

DELAWARE
(STATE OR OTHER JURISDICTION
OF INCORPORATION)

1-9399
(COMMISSION FILE NUMBER)

11-2103466
(IRS EMPLOYER
IDENTIFICATION NO.)

240 CROSSWAYS PARK DRIVE
WOODBURY, NEW YORK 11797-2033
(ADDRESS OF PRINCIPAL EXECUTIVE OFFICES AND ZIP CODE)

REGISTRANT'S TELEPHONE NUMBER, INCLUDING AREA CODE: (516) 364-1902

Check the appropriate box below if the Form 8-K filing is intended to simultaneously satisfy the filing obligation of the registrant under any of the following provisions (see General Instruction A.2. below):

- Written communications pursuant to Rule 425 under the Securities Act (17 CFR 230.425)
- Soliciting material pursuant to Rule 14a-12 under the Exchange Act (17 CFR 240.14a-12)
- Pre-commencement communications pursuant to Rule 14d-2(b) under the Exchange Act (17 CFR 240.14d-2(b))
- Pre-commencement communications pursuant to Rule 13e-4(c) under the Exchange Act (17 CFR 240.13e-4(c))
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Item 7.01 Regulation FD Disclosure

The 2014 European Business Aviation Convention & Exhibition (EBACE) ended yesterday in Geneva, and OEM aircraft manufacturers Bombardier, Dassault and HondaJet all featured aircraft cabin interiors using Research Frontiers patented SPD-Smart light control technology in electronically dimmable windows (EDWs). In addition, Research Frontiers licensee Vision Systems launched two new products for the aircraft industry.

Imagine touching a button on your window, on your smart phone or tablet, or even touching the window itself and instantly being able to tune the tint from clear to dark, and having the window completely change its tint within seconds. This is what SPD-Smart light control film technology offers the aircraft, automotive, architectural and marine industries.

Joseph Harary, Research Frontiers President and CEO, remarked during the events at EBACE: "Three aircraft shown at EBACE, all with SPD-Smart technology, were literally next to each other across the Dassault, Bombardier and Honda Aircraft booths, so you didn't have to go far to see the clear trend among OEMs to create a superior flying experience and improved interaction between passengers and their environment. People want a better connection between themselves and what's outside, and SPD-Smart technology enhances this experience as well as their view of the outside world, while instantly and efficiently managing heat, light and glare, and enhancing comfort and safety."

Dassault's booth included the Falcon 5X, which will be the largest, most powerful, and most advanced Falcon jet ever built by Dassault. One of the most remarkable new aircraft interior design innovations is the zenith window—a roof window welcoming passengers and crew as they enter the aircraft to create an elegant and spacious feeling. To offer this enhanced cabin interior feature, Dassault was faced with a critical need to manage the intense solar light, glare and heat coming into the cabin, particularly when the aircraft is at altitude, where the solar rays, including ultraviolet radiation, are much stronger than when on the ground. SPD technology provided the solution—Research Frontiers licensee Vision Systems will supply their Nuance brand of SPD-Smart EDW, and it will be standard equipment on the Falcon 5X.

Honda Aircraft Company's booth featured a full-scale mockup of the HondaJet, the first general aviation aircraft developed by the Honda Aircraft Company. The first production HondaJet is nearly completed, eight more are in various stages of production, and first deliveries to customers are targeted for early 2015 upon FAA certification of the aircraft. SPD technology has been selected by Honda as standard equipment on all cabin windows, and will be supplied by Research Frontiers licensee Vision Systems.

At EBACE, Honda Aircraft Company personnel noted the benefits that SPD-Smart EDWs bring to the HondaJet, including cabin darkening, heat control and a weight savings of approximately 2 pounds per window compared to electromechanical shades.

One of the most talked-about events at EBACE was Bombardier's unveiling of the Global 7000 mockup. The Global 7000 is a clear real-life example of the trend towards larger cabin windows, and Bombardier is strongly promoting this elegant feature. At the event, Bombardier prominently noted in their multimedia presentation that the Global 7000 features "Larger windows that broaden your perspective on the world and in their press release reinforced this feature by noting that "This aircraft also features the largest total window area, allowing for more natural light inside the cabin". In his prepared remarks during the launch of this new aircraft at EBACE, Eric Martel, President of Bombardier Business Aircraft, also highlighted the aircraft's prominent use of windows.

While large windows bring into the cabin an increased amount of natural light, at certain times they also bring an increased level of glare and heat, and this requires a solution. Daylight can be easily controlled, instantly and precisely, while managing heat and glare, using SPD-Smart electronically dimmable windows. The Global 7000 mockup at EBACE, at 111 feet long, is the largest-ever business jet mockup, and featured 11 very large SPD-Smart EDWs supplied by Research Frontiers licensee InspecTech Aero Service.

Vision Systems continued to demonstrate its reputation for innovation, with two new enhancements to its Nuance brand of SPD-Smart EDWs being unveiled publicly for the first time.

Multi-zone Control Capability: One new solution offers passengers the ability to independently control the tint of different zones within the same window. Passengers will frequently value this feature. For example, consider times when the sun is shining directly through the top part of a passenger's window. He or she can select a darker level of tint to control light and glare from direct sun, and at the same time select a lighter level of tint in the lower part of the window, to keep and maximize his or her magnificent view of the ground.

Improved Dark State and Range of Light Transmission Capability: The second solution unveiled by Vision Systems is an improvement in the optical performance of its Nuance SPD-Smart windows. This enhancement offers a wider dynamic range of light transmission, including an ability to provide greater cabin darkening when desired. SPD technology already makes possible the darkest EDW available, and as the cabin darkening performance of an EDW is being closely evaluated by all sectors of the aviation market, this Vision Systems enhancement will be highly valued both in general aviation and commercial aviation.

Details are noted in the press release attached as Exhibit 99.1 to this Current Report on Form 8-K and incorporated herein by reference. This press release is also available on the Company's website at www.SmartGlass.com and at various other places on the internet.

This report and the press releases referred to herein may include statements that may constitute "forward-looking" statements as referenced in the Private Securities Litigation Reform Act of 1995. Those statements usually contain words such as "believe", "estimate", "project", "intend", "expect", or similar expressions. Any forward-looking statements are made by the Company in good faith, pursuant to the safe-harbor provisions of the Act. These forward-looking statements reflect management's current views and projections regarding economic conditions, industry environments and Company performance. Factors, which could significantly change results, include but are not limited to: sales performance, expense levels, competitive activity, interest rates, changes in the Company's financial condition and several business factors. Additional information regarding these and other factors may be included in the Company's quarterly 10-Q and 10K filings and other public documents, copies of which are available from the Company on request. By making these forward-looking statements, the Company undertakes no obligation to update these statements for revisions or changes after the date of this report.

The information in this Form 8-K or the press release reproduced herein shall not be deemed "filed" for purposes of Section 18 of the Securities Exchange Act of 1934, nor shall they be deemed incorporated by reference in any filing under the Securities Act of 1933, except as shall be expressly set forth by specific reference in such filing.

Item 9.01. Financial Statements and Exhibits.

(c) Exhibits.

99.1 Research Frontiers Press Release dated May 22, 2014.

SIGNATURES

Pursuant to the requirements of the Securities Exchange Act of 1934, the registrant has duly caused this report to be signed on its behalf by the undersigned hereunto duly authorized.

RESEARCH FRONTIERS INCORPORATED

/s/ Seth L. Van Voorhees

By: Seth L. Van Voorhees

Title: CFO and VP, Business Development

Dated: May 23, 2014
